SHEVCHENKO, L.L.

Infrared absorption spectra of metal acetates. Ukr.khim.zhur. 29 no.12:1247-1250 '63. (MIRA 17:2)

1. Institut obshchey i neorganicheskoy khimii AN UkrSSR.

SHEVCHENKO, L.L.

Infrared spectra of salts of complex compounds of carboxylic acids and some of their derivatives. Usp.khim. 32 no.4:457-469 Ap '63. (MIRA 16:5)

1. Institut obshchey i neorganicheskoy khimii AN UkrSSR.
(Organometallic compounds—Absorption spectra)
(Acids, Organic)

BABKO, A.K.; SHEVCHENKO, L.L.

Infrared absorption spectra of the compounds of salicylic acid with metals. Zhur.neorg.khim. 9 no.1:42-47 Ja '64. (MIRA 17:2)

SHEVCHENKO, L. M.

SHEVCHENKO, L, M. "The Development of Mosaic on Sugar Beets Depending on the Time of Sowing," in Mosaic Diseases of Sugar Beets, a Collection of Articles, Publishing House of the Variety-Seed Administration of theState All Union Association of Sugar Industries, Kiev, 1930, pp. 167-176. 464.04 Sa2

SO: SIRA SI-90-53, 15 Dec 1953

SHEVCHENKO, L.N.

S/028/61/000/011/003/004
D221/D301

AUTHORS: Vinograd, M.I., Kiseleva, S.A., Akimova, Ye. P., Apolovnikova, L.G., Shevchenko, L.N., Kedrina, A.M., and Krasnova, A.K.

TITLE: The metallographic method of determining non-metallic inclusions

PERIODICAL: Standartizatsiya, no. 11, 1961, 27-33

TEXT: The draft standard: "Steel - The metallographic method of determining inclusions" was prepared by the Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii (Central Scientific Research Institute of Ferrous Metallurgy) and the Ukrainskiy nauchno-issledovatel'skiy trubnyy institut (Ukrainian Scientific Research Institute of Pipes). It includes a scale, covers non-metallic inclusions, and envisages random sampling when the disposition of material is unknown, or from three points along the height of ingots. The project recommends discussion on the quantity of specimens which would ensure the required accuracy.

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The metallographic ... S/028/61/000/011/003/004
D221/D301

The suggested scale for evaluating non-metallic inclusions distinguishes three groups: Oxides, globular and sulphides. The scale division is based on the area taken up by the inclusions in one field of viewing, and which increases in a geometrical progression of 2 when passing from one mark to another. In 1959, the UkrNITI developed a special scale for streaky nitride inclusions of titanium in steel rolled sections. The project prescribes a 90 - 110 times magnification. The area taken up by inclusions of mark 3 is equal to that of the same mark scale of (GOST) 80-160. There are tabulated areas of various inclusions and their classification necessitates the separation of silicates into an individual group. They form greatly deformed, plastically deformed and non-deformed inclusions. The project assumes the average mark from the maxima of specimen evaluations of inclusions as a criterion of casting. This is confirmed by statistical analysis. The errors in determining the average mark, and the method of their calculation for some types of inclusions are defined by the project of the standard. There are 2 figures, 5 tables and 9 Soviet-bloc references.

Card 2/2

S/133/61/000/012/005/006
A054/A127

AUTHORS: Akimova, Ye.P.; Rudoy, V.S.; Shevchenko, L.N.; Nesterova, N.N.

TITLE: The effect of the ЭИ847 (EI847) steel smelting process on the quality of tubes

PERIODICAL: Stal', no. 12, 1961, 1,113 - 1,114

TEXT: During the finishing of hot-rolled EI847 (chrome-nickel-molybdenum-niobium) steel tubes laminations were found in the steel structure. To establish the cause of these defects, the effect of the smelting process on the tube quality, the distribution of nonmetallic inclusions in the billets and the metal ductility were studied. 26 heats were smelted under the following conditions: A - in electric arc furnace: reduction with calcium-silicate; B - in electric arc furnace; reduction by means of aluminum; C - in induction furnace; reduction with calcium silicate; D - in induction furnace; reduction with boron calcite; E - in electric arc furnace, with subsequent electro-slag remelting. The content of globular and sulfide inclusions was very low for all heats; the oxide content, however, was rather high: for heats A: 7.5 - 4; for heats B: 7 - 3; for heats C: 6 - 4; for heats D: 3. The best results were obtained

Card 1/3

The effect of the ЭИ847 (EI847) steel ....

for heats E, i.e., heats smelted according to the A and B variant and with subsequent electroslag remelting. Indices for oxide-inclusions between 1 and 2.5 were registered for these heats and , besides oxide inclusions, no other impurities were observed. The steel ductility was tested by its piercing properties and by hot torsion at 1,000 - 1,275°C. Also these properties were found to be better for steels smelted in arc furnaces and subjected to electroslag remelting. The ductility of the steel produced by electroslag remelting increases continuously at rising temperatures, whereas in steels produced in arc furnaces without electroslag remelting it drops above 1,250°C. The formation of film on tubes made of steels remelted by the electroslag process was prevented and laminations with knurled edges and dark base (2 - 3 mm in length), often found in conventional tubes, were not observed either in tubes manufactured by the new process. As regards the consumption coefficients the same rules were found as for the above-mentioned parameters: the consumption coefficient for heats A' is 17, for heats A" and B: 1.9 - 3.1, for C - D: 2.0 - 2.5, for steel remelted with electroslag E: not more than 1.6 - 2.0. The tests were carried out in cooperation with S.I. Vasilenko, I.I. Zuyev, O.S. Vil'yams, R.V. Lagutina, A.Ya. Dergach, V.P. Kitanenko, N.S. Kirvalidze, N.S. Yakimenko, V.D. Samoylenko [Nikopol'skiy yuzhnotrubnyy zavod (Nikopol' Yuzhnotrubnyy Plant)].

Card 2/3

ACC NR: AP6031514 SOURCE CODE: UR/0383/66/000/004/0033/0035

AUTHOR: Alferova, N. S. (Doctor of technical sciences, Professor); Shevchenko, L. N.

ORG: none

TITLE: Improving the formability of martensitic-ferritic steel tubes by high temperature thermomechanical treatment

SOURCE: Metallurgicheskaya i gornorudnaya promyshlennost', no. 4, 1966, 33-35

TOPIC TAGS: austenitic ferritic steel tube, alloy steel tube, steel tube thermomechanical treatment, high temperature thermomechanical treatment/1Kh13S2M2 steel, Kh17 steel

ABSTRACT: Martensitic-ferritic steels such as 1Kh13S2M2 or Kh17 are promising tube materials. However, their cold brittleness complicates their cold rolling and cold drawing. High-temperature thermomechanical treatment (HTMT) was found to reduce considerably the cold brittleness, which was confirmed by production scale experiments at the Yuzhnotrubnyy plant. Tube billets were pierced at 1200C and the shells were rolled at 1050C and water cooled immediately, 0.4 sec, after rolling. This treatment increased the tensile strength to 136 kg/mm^2 compared to 112 kg/mm^2 after air cooling, and lowered the Nil ductility transition temperature by 40C. All tubes subjected to HTMT were cold rolled without difficulties, while those produced by conventional methods frequently cracked. [WW]

SUB CODE: 11/ SUBM DATE: none/

Card 1/1 UDC: 621.774.35:620.186.5

SAVCHENKO, A. K.

L 10425-66 EWT(1)/EWA(h) GW

AM5023902 BOOK EXPLOITATION UR/ 534.647:622

Akademiya nauk SSSR. Institut gornogo dela

The use of seismoacoustic methods in mining (Primeneniye seysmoakusticheskikh metodov v gornom dele) Ed. by M. S. Antsyferov. Moscow, Izd-vo "Nauka," 1964. 186 p. illus. Errata printed on the back cover. 1300 copies printed.

TOPIC TAGS: mining engineering, seismic prospecting, seismic instrument, phonon acoustics, seismoacoustic pulse

PURPOSE AND COVERAGE: This is a collection of articles summarizing the results of work done by the Laboratory of Geophysical Research of the Mining Institute imeni A. A. Skochinskiy and the Scientific Seismoacoustic Station of the Donetskiy Sovnarkhoz. The research was basically conducted at the coal mines of the Donet Basin, where dangerous sudden outbursts of coal and gas occur. The authors give data on the design and manufacture of various seismoacoustic instruments, used in both laboratory and field investigations. Results of these investigations are analyzed, emphasizing their

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importance for the theory of dynamic phenomena in mines and for the prognosis of the danger zones of possible sudden outbursts. The book is of interest to miners and geophysicists concerned with the application of geophysical methods in coal and ore mines.

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AM5023902

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Ivanov, V. S., and N. B. Parshikov. Seismoacoustic method of determining the efficiency of preventive measures against sudden outbursts of coal and gas -- 126

Mysina, L. G. Effect of advancing boreholes on the noise level and the stress state in the borehole zone of a stope -- 133

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AM5023902

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Konstantinova, A. G., L. G. Mysina, and V. S. Ivanov. Analysis of energy generated by seismoacoustic processes resulting from sudden outbursts of coal and gas -- 150

Konstantinova, A. G., and L. G. Mysina, Relative changes in the parameters of elastic pulses before sudden outbursts of coal and gas -- 154

Konstantinova, A. G. Investigation of the parameters of elastic vibrations generated in the rock samples under a uniaxial load -- 165

Konstantinova, A. G., and E. V. Petrosyants. Seismoacoustic method of investigating the effect of an explosion on the roof of a mine -- 173

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SUB CODE: GO, ES, GP/ SUBMITTED: 26Nov64 NO REF SOV: 113

OTHER: 005

Card 5/5

L 20968-66 EWT(m)/EWP(w)/EWA(d)/T/EWP(t) IJP(c) JD

ACCESSION NR: AP5025136 UR/0133/65/000/010/0947/0949 12 11 B
621.78

AUTHOR: Alferova, N. S. (Doctor of technical sciences); Shevchenko, L. N. (Engineer)

TITLE: Effect of piercing temperature and heat treatment on the tendency of EI852 steel toward brittle fracture 14,44,55 14

SOURCE: Stal', no. 10, 1965, 947-949

TOPIC TAGS: pipe, EI852 steel, metal heat treatment, brittleness, material fracture, hot rolling, impact strength

ABSTRACT: The deformability of pipes of EI852 chromium-molybdenum steel 44,55 was unsatisfactory in the cold state, so the authors studied the effect of the temperature conditions of hot deformation and subsequent heat treatment on the properties of the metal of hog-rolled pipes. The optimum piercing temperature was found to be 1200°C. A lowering of the piercing temperature decreases the tendency of the metal toward brittle fracture in the cold state, but this results in a decline of the properties of the pipe surface. Heat treatment (high tempering at 650°C and particularly quenching from 1050°C with the same tempering) combined with hot deformation further

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L 20968-66

ACCESSION NR: AP5025136

decreases the tendency of the steel toward brittle fracture in the cold state; under the influence of the deformation and heat treatment, EI852 steel changes from a brittle to a viscous state at room temperature. Orig. art. has: 6 figures.

ASSOCIATION: Vsesoyuznyy n.-i. trubnyy institut (All-Union Scientific Research Pipe Institute)

SUBMITTED: 00 ENCL: 00 SUB CODE: MM

NO REF SOV: 000 OTHER: 000

Card 2/2 MJS

AKIMOVA, Ye.P.; RUDOY, V.S.; SHEVCHENKO, L.N.; NESTEROVA, N.N.;
Prinimali uchastiye: VASILENKO, S.I.; ZUYEV, I.I.; VIL'YAMS, O.S.;
LAGUTINA, R.V.; DERGACH, A.Ya.; KITANENKO, V.P.; KIRVALIDZE, N.S.;
YAKIMENKO, N.S.; SAMOYLENKO, V.D.

Effect of the method of manufacturing EI847 steel on the quality of tubes. Stal' 21 no.12:1113-1114 D '61. (MIRA 14:12)

1. Ukrainskiy nauchno-issledovatel'skiy trubnyy institut (for Akimova, Rudoy, Shevchenko, Nesterova). 2. Nikopol'skiy yuzhnotrubnyy zavod (for Vasilenko, Zuyev, Vil'yams, Lagutina, Dergach, Kitanenko, Kirvalidze, Yakimenko, Samoylenko).
(Steel, Stainless—Electrometallurgy)
(Pipe mills—Quality control)

VINOGRAD, M.I.; KISELEVA, S.A.; AKIMOVA, Ye.P.; APOLOVNIKOVA, L.G.; SHEVCHENKO, L.N.; KEDRINA, A.M.; KRASNOVA, A.K.

Metallographic method for the determination of nonmetallic inclusions. Standartizatsiia 25 no.11:27-33 N '61. (MIRA 14:11)
(Steel—Analysis)

ANTSYFEROV, M.S., kand. fiz.-matem. nauk; IVANOV, V.S., inzh.; SHEVCHENKO, L.N., inzh.; KAMNEVA, T.N., red.

[PGI geophone and methods for its use in hole prospecting] Geofon PGI i metodika ego primeneniia dlia poiska skvazhiny. Moskva, In-t gornogo dela, 1963. 17 p. (MIRA 17:8)

MOZGOV, I.Ye., professor; SHEVCHENKO, L.O., redaktor; KOVAL'S'KYI, V.F., tekhredaktor

[Veterinary prescription writing. Translated from the Russian] Veterynarna retseptura. Pereklad z rossiis'koi. 2-e vydannia. Kyiv, Derzh. vyd-vo sil'skohospodars'koi lit-ry URSR, 1953. 278 p. [Microfilm] (MLRA 8:2)

(Veterinary medicine) (Prescription writing)

ZAGAYEVSKIY, Iosif Stanislavovich [Zahaievs'kyi, I.S.], doktor veter. nauk; SHEVCHENKO, L.O., red.; CHEREVATSKIY, S.A. [Cherevats'kyi, S.A.], tekhn. red.

[Paratyphoid in fowl] Paratyf ptytsi. Kyiv, Derzhsil'-hozvydav URSR, 1963. 78 p. (MIRA 17:1)

SELIVANOV, K.P.; SHEVCHENKO, L.P.

Epidemiology of trichinosis. Med.paraz. i paraz.bol.supplement to no.1:71 '57. (MIRA 11:1)
(TRICHINA AND TRICHINOSIS)

PHASE I BOOK EXPLOITATION SOV/4689

Ashkerov, V. P., B. G. Zabelok, Ye. I. Kalugin, and L. P. Shevchenko

Voyska protivovozdushnoy oborony strany (Air Defense Forces of the Country) Moscow, Voyenizdat, 1960. 217 p. No. of copies printed not given. (Series: Biblioteka ofitsera)

General Ed.: P. K. Demidov; Ed.: P. V. Fesenko; Tech. Ed.: T. F. Myasnikova.

PURPOSE: This book is intended for officers of the Soviet Armed Forces, from platoon leader to regimental commander, who are not specially trained in air defense.

COVERAGE: The book deals with active air defense both in the Soviet Union and in other countries, presenting past development and present state. The role of air defense in the overall defense organization of a country is described. Principles governing use of air defense facilities are given. Sections 3 and 4 of Chapter IV are based on non-Soviet press information. G.S. Desnitskiy

Card 1/4

and A. N. Kochurov took part in the writing of the book. There are 17 references, all Soviet (8 translations into Russian).

TABLE OF CONTENTS:

KRYZHANOVSKIY, L.B., polkovnik; SHEVCHENKO, L.P., inzh.-podpolkovnik

Improvised mechanization and automation. Vest.protivovozd.obor. no.2:73-76 F '61. (MIRA 14:2)
(Russia--Armed forces--Clerical work)

OL'KHOVOY, L.G.; SHEVCHENKO, L.P.; BABUSHKIN, V.I.; BYNAKOV, A.G.; MCHEDLOV-PETROSYAN, O.P.

Water resistant non-autoclaved materials of hydraulic lime and silica. Stroi.mat. 10 no.8:16-18 Ag '64. (MIRA 17:12)

MAKOVSKIY, V.A., inzh.; SEMYNIN, S.A., inzh.; SHEVCHENKO, L.U., inzh.

Proportional relay for valve reversals and slide gates of open-hearth furnaces. Stal' 24 no.10:897-898 O '64.
(MIRA 17:12)

1. Dnepropetrovskiy filial Instituta avtomatiki Gosplana UkrSSR i zavod "Azovstal'".

SHEVCHENKO, L.V.

Experimental study of the antibacterial effect of some antibiotics and chemotherapeutic preparations on a myconacterium tuberculosis. Trudy Ukr. nauch.-issl. inst. ortop. i travm. no.15:293-295 '59 (MIRA 16:12)

1. Iz Ukrainskogo nauchno-issledovatel'skogo instituta ortopedii i travmatologii imeni prof. M.I.Sitenko (dir.-chlen korrespondent AMN SSSR, prof. N.P.Novachenko).

L 8479-66

ACC NR: AP5028494 SOURCE CODE: UR/0286/65/000/020/0067/0067

29
13

AUTHORS: Kondrat'yev, A. V.; Kovrigin, A. A.; Shevchenko, L. Ya.

44 44 44

ORG: none

TITLE: A precision unit for linear geodetic measurements. 9M Class 42, No. 175662 [announced by Moscow Institute of Engineers of Geodesy, Aerophotography, and Cartography (Moskovskiy institut inzhenerov geodezii, aerofotos"yemki i kartografii)] 44

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 20, 1965, 67

TOPIC TAGS: geodesy, surveying instrument, measuring apparatus, GEODETIC INSTRUMENT 44

ABSTRACT: This Author Certificate presents a precision unit for linear geodetic measurements. The unit contains a sheave supporting a loaded thread, and two lateral flanges. A precision ball bearing is mounted in each of these flanges coaxially with the sheave (see Fig. 1). To increase the sensitivity of the unit, other ball bearings are pressed into the sheave coaxially with the precision bearing. A knife is mounted inside the second bearings, with its supports pressed into the precision bearings. A space in the knife blade is filled with a

Card 1/2 UDC: 528.5--187.4

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L 8479-66

ACC NR: AP5028494

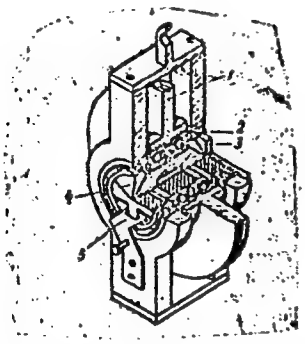

Fig. 1. 1 - Sheave; 2 - precision bearings; 3 - bearings; 4 - knife; 5 - supports.

balancing mass which lowers the center of gravity of the knife. Orig. art. has: 1 figure.

SUB CODE: 08 / SUBM DATE: 29Jul64

BVK.

Card 2/2

KUSKOV, L.; SHEVCHENKO, M.

Seiches on Lake Erie [from "Journals of the Waterways and Harbors Division" June 1959]. Rech. transp. 19 no.12:52-53 D '60. (MIRA 13:12)

(Lake Erie--Seiches)

L 00835-66

ACCESSION NR: AP5020034 UR/0348/65/000/008/0004/0005 8
632.95.028

AUTHOR: Shevchenko, M. (Chief inspector for hygiene nutrition) 6
B

TITLE: Residual amounts of toxic chemicals in food products

SOURCE: Zashchita rasteniy ot vrediteley i bolezney, no. 8, 1965, 4-5

TOPIC TAGS: pesticide content, food contaminant, dichlorodiphenyl-trichloroethane, pesticide toxicity

ABSTRACT: The article discusses the presence of residual toxic chemicals in food products, and in particular, the danger presented by residual DDT. Because of the presence of appreciable amounts of DDT in the adipose tissue of people having no professional contact with this chemical, it has been decided that as of 1970, DDT will not be used in the Soviet Union for the treatment of crops. Various restrictions placed on the use of DDT in agriculture are listed. Effective substitutes are not yet in mass production. The most desirable pesticides are those which, after having acted, can readily decompose into nontoxic substances under the influence of external factors. The maximum permissible quantities of such pesticides in food products, specified by the Glavnoye sanepidupravleniye Ministerstva Zdravookhraneniya SSSR (Main Sanitation and Epidemiological

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L00835-66

ACCESSION NR: AP5020034

2

Administration of the Ministry of Health, SSSR), are tabulated. The maximum permissible quantities of DDT and other products are lower in the Soviet Union than in the United States: for example, it is 1 mg DDT/kg in fruits and vegetables in the Soviet Union versus 7 mg DDT/kg in the United States. Orig. art. has: 1 table.

ASSOCIATION: Glavnoye sanepidupravleniye Ministerstva zdravookhraneniya SSSR (Main Sanitation and Epidemiological Administration of the Ministry of Health of the SSSR) 44

SUBMITTED: 00 ENCL: SUB CODE: GO, LS

NO REF SOV: 000 OTHER: 000

Card 2/2

SHEVCHENKO, M.A.

Distribution of snow resources in the Kamennaya Steppe. Sbor.rab.Kursk. gidromet. obzerv. no.2:50-56 '64.

Effect of silvicultural and land improvement measures on the runoff of melting snow waters from small drainage basins. Ibid.:79-88 (MIRA 17:9)

KUL'SKIY, L.A.; SHEVCHENKO, M.A.

Purification of drinking water with a mixture of ferric and ferrous chlorides. Ukr.khim.zhur.17 no.2:239-251 '51. (MLRA 9:9)

1.Institut obshchey i neorganicheskoy khimii AN USSR.
(Water--Purification) (Iron chlorides)

SHEVCHENKO, M.A.

Electrolytic preparation of an iron coagulant for the purification of drinking water. Part 1. Anodic dissolution of iron. Ukr.khim.zhur.17 no.2:252-263 '51. (MIRA 9:9)

1.Institut obshchey i neorganicheskoy khimii AN USSR.
(Water--Purification) (Iron chlorides)

SHEVCHENKO, M. A.

1 V

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(2)

Journal of Applied Chemistry
May 1954
Chemical Engineering and
Electrochemical.

Removal of iron from waters of varying mineral composition after purification with iron salts. L. A. Kul'skiĭ and M. A. Shevchenko (*Ukr. khim. Zhur.*, 1952, 18, 259—284).—The Fe elimination areas (Fe concn. <0·03 mg./l.) on HCO_3'–Cl'–SO_4'' system triangular diagrams decrease in the following order of Fe salts used as coagulants: $FeCl_3$, $FeCl_2$, $FeSO_4$, $Fe_2(SO_4)_3$, $(FeCl_3+FeCl_2)$. In many cases, chlorination of water does not eliminate Fe, but stabilises the hydroxide formed. Treatment with CaO is the most effective means of removing Fe.

R. C. MURRAY.

10-13-54

Inst. Gen. & Inorg. Chem., AS Ukr SSR

KUL'SKIY, L.A.; SHEVCHENKO, M.A.

Stabilization of water composition in the process of purification by coagulation. Ukr.khim.zhur. 19 no.2:215-222 '53. (MLRA 7:4)

1. Institut obshchey i neorganicheskoy khimii Akademii nauk USSR.
(Water--Purification)

SHEVCHENKO, M.A.

Conference on the purification of potable and industrial waters.
Ukr.khim.zhur. 19 no.2:233-235 '53. (MLRA 7:4)
(Water--Purification)

SHEVCHENKO, M.A.

USSR/ Chemistry - Chemical technology

Card 1/1 Pub. 116 - 22/29

Authors : Kul'skiy, L. A., and Shevchenko, M. A.

Title : Use of chalk for the reduction of the carbonic acid aggressiveness of natural colored water

Periodical : Ukr. khim. zhur. 21/6, 788-791, Dec 1955

Abstract : The possibility of using chalk for the reduction of the carbonic acid aggressiveness of highly colored natural water without doing any harm to its color was investigated. It was found that the introduction of chalk into the water, basically liberated of any coloring matter, secures a high degree of water stabilization without increasing the residual colority and with no reduction in transparency of the purified water. The water-chalk contact period was set at 5 minutes at a chalk particle dimension of not more than 0.1 mm. Two USSR references (1953-1954). Table; graph; drawing.

Institution : Acad. of Sc., Ukr. SSR, Inst. of Gen. and Inorgan. Chem.

Submitted : July 14, 1955

KUL'SKIY, L.A.; SHEVCHENKO, M.A.; CHUBUK, Z.F.

The nature of matter conditioning the coloration of water of the Dnieper. Gidrokhim.mat. 25:59-68 '55. (MLRA 9:6)

1.Institut obshchey i neorganicheskoy khimii Akademii nauk USSR. (Dnieper River--Water)

SHEVCHENKO, M.A.

USSR /Chemical Technology. Chemical Products and Their Application
Water treatment. Sewage water. H-5

Abs Jour: Referat Zhur - Khimiya, No 1, 1958, 1686

Author : Kul'skiy L.A., Shevchenko M.A., Lempke G. Yu.

Title : Prospects of Utilization of Activated Silicic Acid in the Treatment of Water of Open Reservoirs

Orig Pub: Vodosnabzheniye a san. tekhnika, 1956, No 11, 24-27

Abstract: Description of the results of experiments on preparation of activated silicic acid. The activation procedure was applied to a solution of Na_2SiO_3 containing (in % by weight): 30 SiO and 10.7 Na O. Activation was effected with Al (SO), gaseous Cl and 50% H SO . Treatment with Cl is the most effective.

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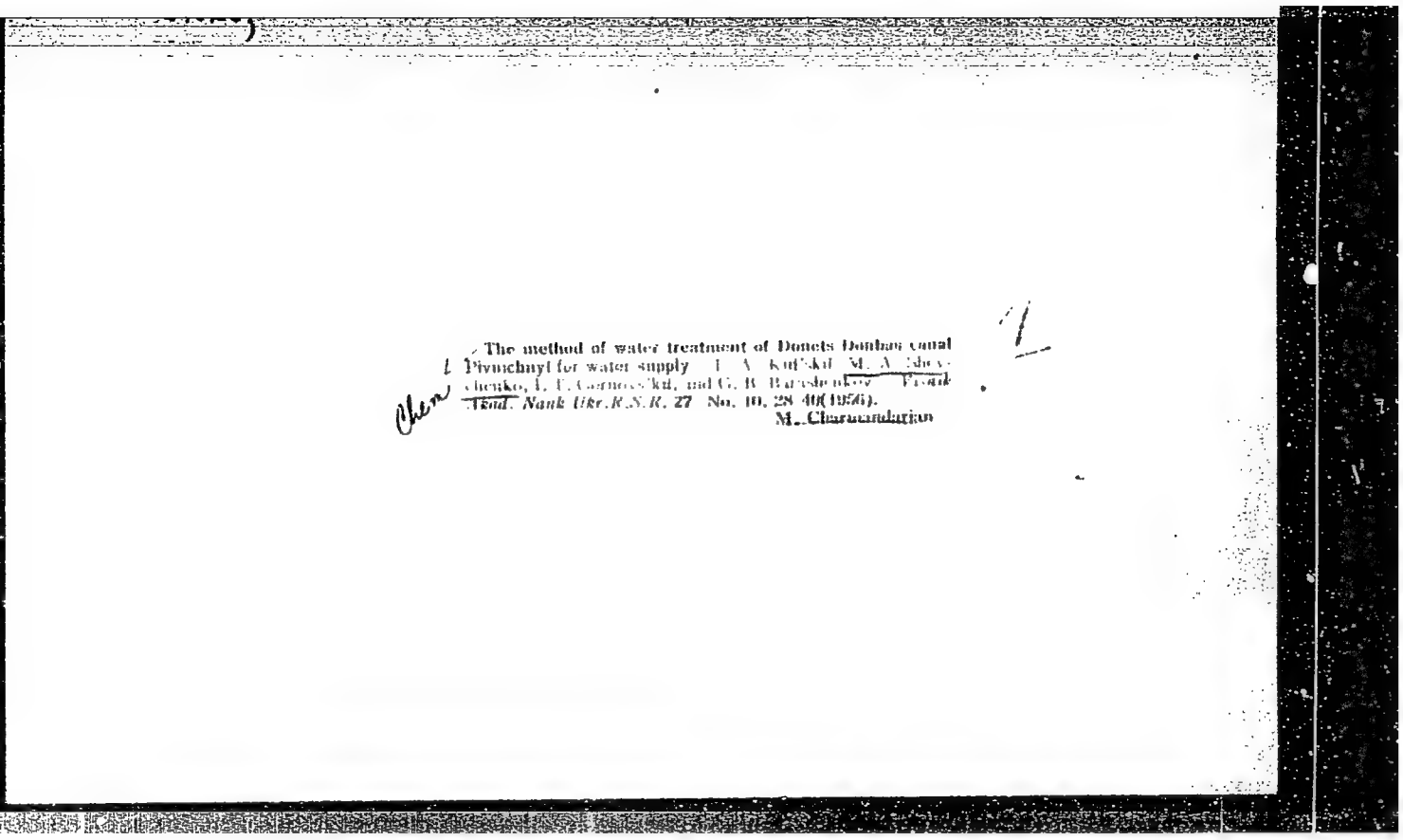

The method of water treatment of Donets Donbas canal Pivnichnyi for water supply. I. A. Kul'skii, M. A. Shevchenko, I. F. Gormoshkii, and G. B. Barsukova. Visnik Akad. Nauk Ukr. R.S.R. 27 No. 10, 28-40(1956).
M. Characterization

KUL'SKIY, L.A.; SHEVCHENKO, M.A.; CHUPOVA, V.P.

Stability of odors of biological origin in water [with summary in English]. Gig. i san. 22 no.5:16-22 My '57. (MIRA 10:10)

1. Iz Instituta obshchey i neorganicheskoy khimii AN SSSR.
(WATER SUPPLY,
odors of biol. origins, difficulties in control (Rus))
(ODORS,
in water, difficulties in control (Rus))

73-3-21/24

AUTHOR: Kul'skiy, L. A., Shevchenko, M. A., and Turchinovich, G.Yu.

TITLE: Physico-Chemical Studies of the Process of Treating Water with Activated Silicic Acid. -(Fiziko-Khimicheskoye Issledovaniye Protsessa Obrabotki Vody Aktivirovannoy Kremnekislotoy)

PERIODICAL: Ukrainskiy Khimicheskiy Zhurnal, 1957, Vol. 23, No.3, pp. 400-405 (USSR).

ABSTRACT: The influence of the salt composition of water on the coagulation, in presence of activated silicic acid was investigated as well as the colloidal effect of silicic acid during the chemical treatment of water. The method of triangular diagrams was used (Ref. 2) allowing for variations of the concentration of various ions in the solution. The tests were carried out in glass cylinders (300 mm high and having a 35 mm diameter.) The salt composition of the solution was varied by introducing varying quantities of NaCl, Na_2SO_4, and $NaHCO_3$ or the corresponding Ca-salts when the total concentration of the Na- or Ca-salts equalled 0.01 N. 21 salt-compositions were tested. Aluminium sulphate and aluminium chloride solutions as well as $FeCl_3$ were used as coagulants (50mg/litre). The activated silicic acid was obtained by chlorinating a sodium silicate solution. The simultaneous

Card 1/3

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KUL'SKIY, L.A.; SHEVCHENKO, M.A.; SMIRNOV, P.I.

Ozonization as a method of decolorizing and improving the taste of natural waters. Ukr. khim. zhur. 23 no.5:689-694 '57. (MLRA 10:11)

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(Water--Ozonization)

KUL'SKIY, L.A.; SHEVCHENKO, M.A.; FORTUNATOV, N.S., kand.khim.nauk, otv.red.; POKROVSKAYA, Z.S., red.izd-va; YEFIMOVA, M.I., tekhn.red.

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KUL'SKIY, L.A.; KOGANOVSKIY, A.M.; GORONOVSKIY, I.T.; SHEVCHENKO, M.A.; DUMANSKIY, A.V., prof., otv.red.; MUSNIK, N.I., tekhred.

[Physicochemical foundations of water purification through coagulation] Fiziko-khimicheskie osnovy ochistki vody koaguliatsiei. Kiev, Izd-vo Akad.nauk USSR, 1960. 107 p. (MIRA 13:7)

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KUL'SKIY, L.A., prof.; SHEVCHENKO, M.A., kand.khim.nauk

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(Humic acids)

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SHEVCHENKO, M.F.

Modern equipment for the woodpulp and paper industry. Bum.prom. 37 no.3:7-8 Mr '62. (MIRA 15:3)

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[Collection of directives on the control of chemical poisons used in agriculture] Sbornik ofitsial'nykh materialov po kontroliu za iadokhimikatami, primeniaemymi v sel'skom khoziaistve. Moskva, Medgiz, 1961. 439 p. (MIRA 15:4)

1. Gosudarstvennaya sanitarnaya inspektsiya SSSR (for Grigor'yeva, Shevchenko). 2. Institut pitaniya Akademii meditsinskikh nauk SSSR (for Shillinger). 3. Moskovskiy nauchno-issledovatel'skiy institut sanitarii i gigiyeny im. F.F.Erismana (for Aleksina).
(Agricultural chemicals)

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Current hygienic data on the use of poisonous chemicals for control of pests of food plants, weeds, and animal ectoparasites. Vop. pit. 20 no.4:3-8 Jl-Ag '61. (MIRA 14:7)

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(PESTICIDES)

SHEVCHENKO, Mariya Grigor'yevna; SHARINA, Yelizaveta Georgiyevna;
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Milk and milk products of Finland; based on materials from a trip. Vop. pit. 24 no. 6:84-86 N-D '65 (MIRA 19:1)

BARCHENKO, Ivan Petrovich, prof.; CHISTYAKOVA, Aleksandra Matveyevna, dots.; VANKHANEN, Vil'yam Davidovich, kand. med. nauk; KRYZHANOVSKAYA, Yelena Stanislavovna, dots.; Prinimali uchastiye: PETROVSKIY, K.S., prof.; ALEKSANDROVA, N., nauchn. sotr., prepodavatel'; BEDULEVICH, T., nauchn. sotr., prepodavatel'; TURUK-PCHELINA, Z., nauchn. sotr., prepodavatel'; SHARINA, Ye., nauchn. sotr., prepodavatel'; BURSHTEYN, A.I., prof.; SHEVCHENKO, M.G.; STOLMAKOVA, A.I., red.

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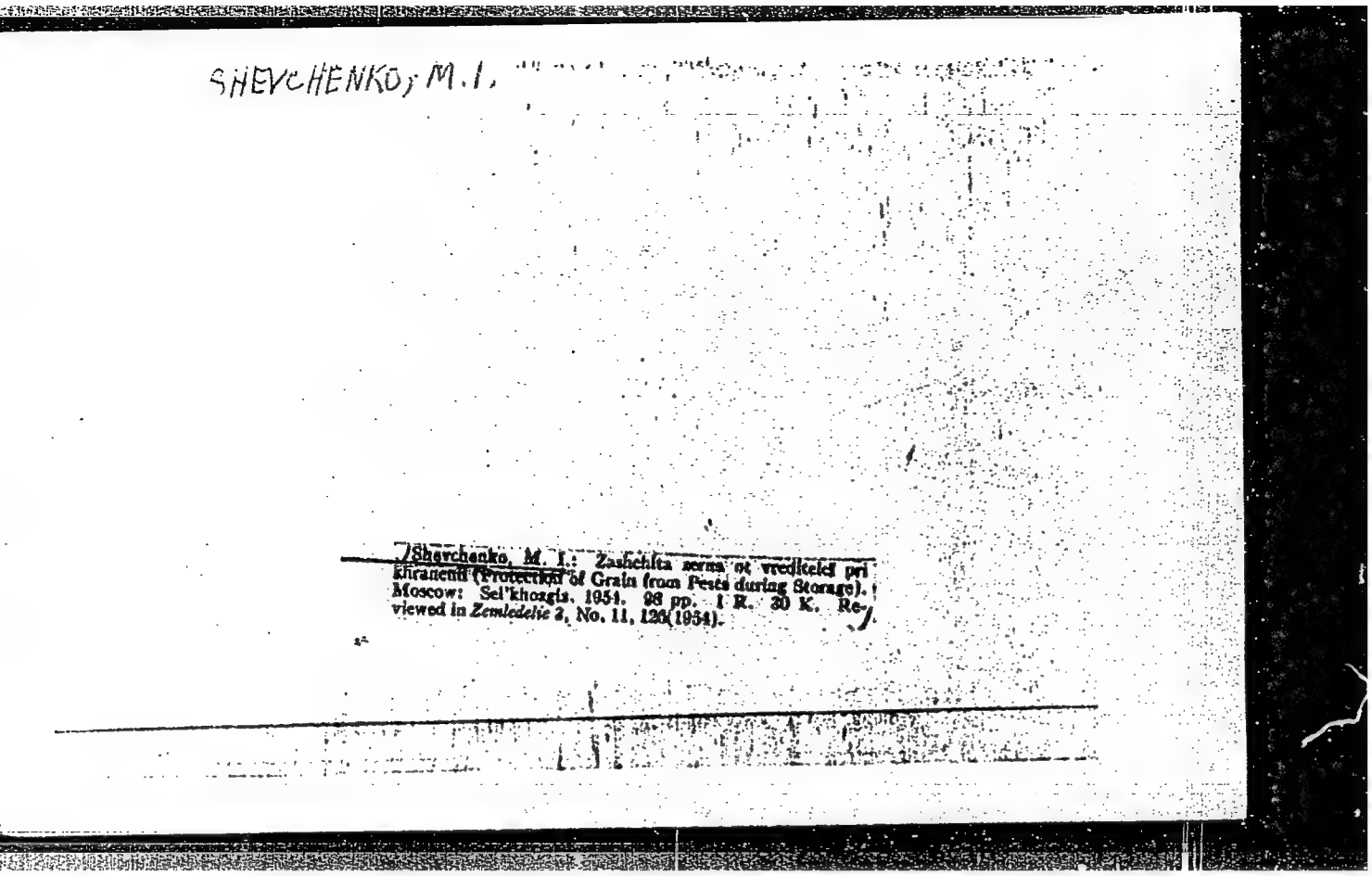

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1. Institut prikladnoy zoologii i fitopatologii, Leningrad.
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School for the advanced training of specialists. Zashch. rast. ot vred. i bol. 3 no.5:58 S-O '58. (MIRA 11:10)

1. Direktor Velikolukskogo sel'skokhozyaystvennogo instituta (for Sutormin). 2. Dekan fakul'teta Velikolukskogo sel'skokhozyastvennogo instituta (for Shevchenko).
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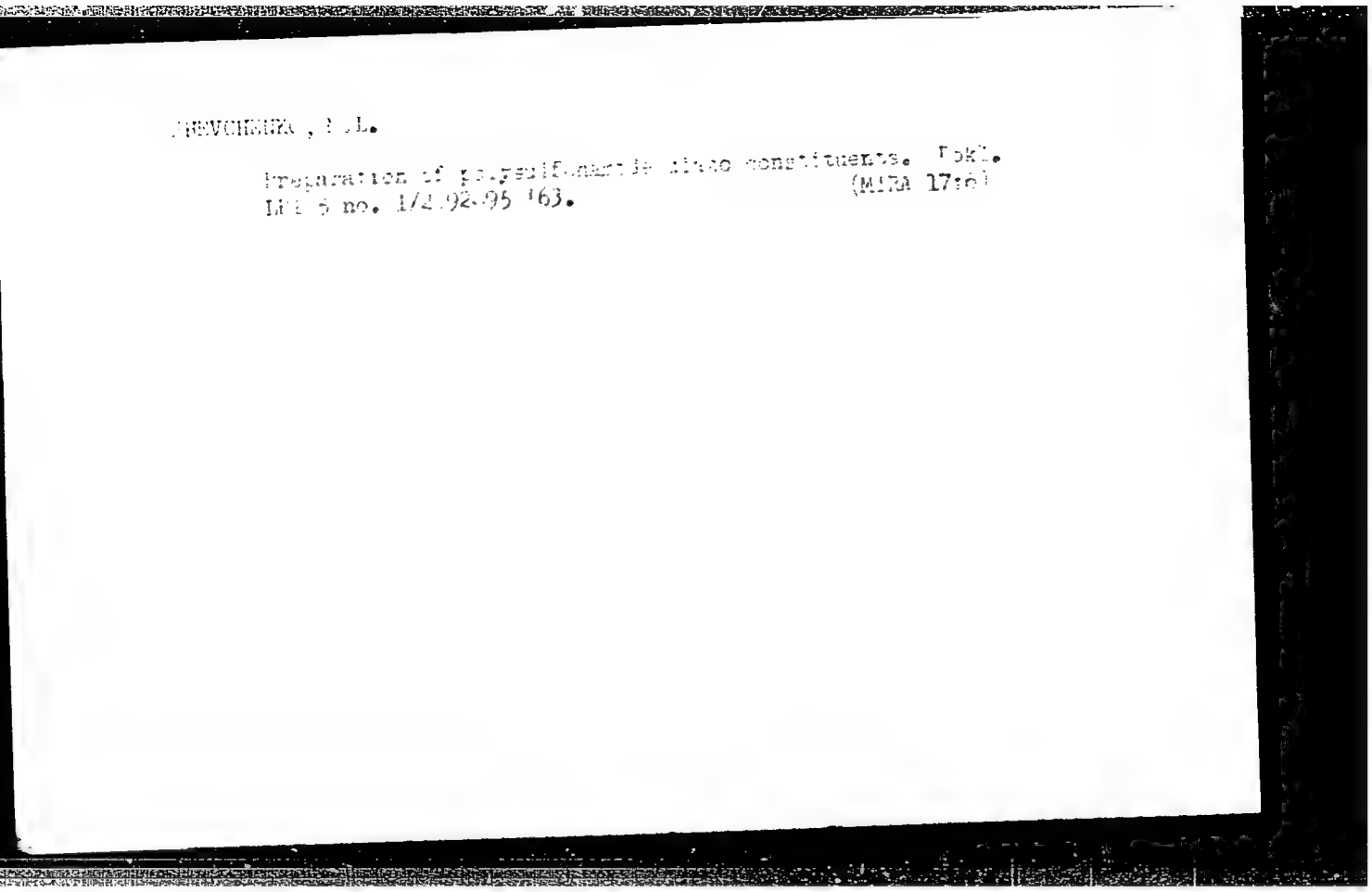

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1. Kafedra kurortnoy terapii (zav. prof. A.S. Vishnevskiy) TSentral'nogo instituta usovershenstvovaniya vrachey.

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ANDREYEVA, N.S.; VOYNIK, A.I.; RAYSH, V.G.; TANCHER, N.I.; SHEVCHENKO, M.N.

Ozygen therapy by inhalation and subcutaneous injection. Vrach.delo no.8:863 Ag '57. (MLRA 10:8)

1. Penzenskaya gorodskaya bol'nitsa im. N.A.Semashko
(OXYGEN--THERAPEUTIC USE)

KUL'SKIY, L.O. [Kul's'kyi, L.O.]; SHEVCHENKO, M.O.

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1. Neshtatnyy korrespondent zhurnala "Nauchno-tekhnicheskiye obshchestva SSSR".

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Mbr., Dept. Histology & Embryology, Zootech. Veterinary Inst., -1941-; Mor., Expetl. Biol., Lab., Inst. Roentgeno-Radiology & Oncolg., Voronezh, -1941-. Mbr., Mil. Medical Acad., im. S. M. Kirov, Leningrad, -c1950-. "On the Reparative Regeneration of the Epidermal Tissue of the Mucous Membrane of the Oral Cavity Wall in Mammals," Dok. AN, 30, No. 4, 1941; "Reparative Regeneration of Human Epidermis," ibid., 66, No. 6, 1949; "The Endothelium of the Larger Blood Vessels of Higher Vertebrates," ibid., 70, No. 5, 1950.

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151T77

USSR/Medicine - Skin, Regeneration of 21 Jun 49
Regeneration, Reparative

"Reparative Regeneration of Human Epidermis,"
N. A. Shevchenko, 3½ pp

"Dok Ak Nauk SSSR" Vol LXVI, No 6

Describes course of reparative regeneration and explains its basic histological laws. Specially prepared specimens of skin from wounds used to check previous data. Histologically, reactive epidermal changes in healing defects of various sizes proved much alike, though differing in adjacent linear wounds according to surrounding conditions.

151T77

USSR/Medicine - Skin, Regeneration of 21 Jun 49
(Contd)

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151T77

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1. Iz Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova.
(SKIN, pathology,
histol. changes in lesions induced by subcutaneous inject. in rabbits (Rus))